

> d his ful; d que sta

(FILE 'HOME' ENTERED AT 12:15:47 ON 28 MAR 2010)

L1 FILE 'REGISTRY' ENTERED AT 12:16:15 ON 28 MAR 2010
STRUCTURE UPLOADED

L2 D
L3 11 SEA SSS SAM L1
146 SEA SSS FUL L1

L4 FILE 'ZCAPLUS' ENTERED AT 12:19:59 ON 28 MAR 2010
L5 174 SEA ABB=ON PLU=ON L3
L6 140 SEA ABB=ON PLU=ON L4 AND (PD<=20040624 OR PRD<=20040624)
131 SEA ABB=ON PLU=ON L5 AND (PD<=20030624 OR PRD<=20030624)
D L6 1-5 IBIB HITSTR
D L6 120-131 IBIB HITSTR
D L6 100-119 IBIB HITSTR

FILE 'STNGUIDE' ENTERED AT 12:25:20 ON 28 MAR 2010

FILE 'ZCAPLUS' ENTERED AT 12:33:49 ON 28 MAR 2010
D L6 80-99 IBIB HITSTR

FILE 'STNGUIDE' ENTERED AT 12:33:55 ON 28 MAR 2010

FILE 'ZCAPLUS' ENTERED AT 12:35:39 ON 28 MAR 2010
D L6 6-79 IBIB HITSTR

FILE 'STNGUIDE' ENTERED AT 12:36:00 ON 28 MAR 2010

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 MAR 2010 HIGHEST RN 1214987-89-9
DICTIONARY FILE UPDATES: 26 MAR 2010 HIGHEST RN 1214987-89-9

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TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 28 Mar 2010 VOL 152 ISS 14

FILE LAST UPDATED: 26 Mar 2010 (20100326/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2010.

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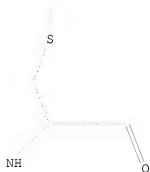
This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Mar 26, 2010 (20100326/UP).

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 146 SEA FILE=REGISTRY SSS FUL L1

L4 174 SEA FILE=ZCAPLUS ABB=ON PLU=ON L3

L5 140 SEA FILE=ZCAPLUS ABB=ON PLU=ON L4 AND (PD<=20040624 OR PRD<=20040624)

L6 131 SEA FILE=ZCAPLUS ABB=ON PLU=ON L5 AND (PD<=20030624 OR PRD<=20030624)



```

      4
ring/chain nodes :
  1 2 3 5 6 7
chain bonds :
  3-4
ring/chain bonds :
  1-2 2-3 2-5 5-6 6-7
exact/norm bonds :
  1-2 2-3 2-5 3-4 5-6 6-7

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS